



STATE OF CALIFORNIA
DEPARTMENT OF FOOD AND
AGRICULTURE
1220 N Street, Room A-372
Sacramento, CA 95814

PEST EXCLUSION ADVISORY

NO. 14-2004

DATE: April 6, 2004
TO: All County Agricultural Commissioners
FROM: Plant Health and Pest Prevention Services
SUBJECT: Inspection Required for SOD-Host Plants Entering California

All shipments of nursery stock entering California containing *Phytophthora ramorum* (causal agent of Sudden Oak Death, or SOD) host plants must be inspected for symptoms of SOD upon arrival. This is applicable for any shipment arriving from any state (including Canada). Attached is the most recent list of *P. ramorum* host and associated host plants that must be inspected. Inspectors should periodically check the California Department of Food and Agriculture (CDFA) Sudden Oak Death website (http://www.cdfa.ca.gov/phpps/pe/sod_survey/) for any changes to the list.

The CDFA border station inspectors will indicate on the Warning/Hold Notices if the shipment includes *P. ramorum* host or associated host plants. When such a Warning/Hold Notice from the agricultural border station is received, county agricultural inspectors **must visually inspect the shipment for symptoms of SOD prior to release.**

If any symptoms of SOD are detected in any shipment, samples must be taken and submitted to CDFA's Plant Pest Diagnostics Laboratory to test for the presence of *P. ramorum*. Place all plant material with symptoms on-hold and immediately notify the CDFA Pest Exclusion office in Sacramento. The material cannot be released until laboratory results are negative for *P. ramorum*.

If you have any questions regarding this advisory, please contact any Interior Program agricultural biologist at (916) 653-1440, or by e-mail at calbrecht@cdfa.ca.gov.

APHIS List of Plants Regulated and Associated with *Phytophthora ramorum*

Last revised 22 March 2004

Plant species regulated for *Phytophthora ramorum* (these are regulated in whole or in part – see www.aphis.usda.gov/ppq/ispm/sod)

Scientific Name (28)	Common Name
<i>Acer macrophyllum</i>	Bigleaf maple
<i>Aesculus californica</i>	California buckeye
<i>Arbutus menziesii</i>	Madrone
<i>Arctostaphylos manzanita</i>	Manzanita
<i>Camellia japonica</i>	Japanese camellia
<i>Camellia sasanqua</i>	Sasanqua camellia
<i>Hamamelis virginiana</i>	Witch hazel
<i>Heteromeles arbutifolia</i>	Toyon
<i>Lithocarpus densiflorus</i>	Tanoak
<i>Lonicera hispidula</i>	California honeysuckle
<i>Pieris formosa</i>	Himalaya pieris
<i>Pieris formosa x japonica</i>	Pieris 'Forest Flame'
<i>Pieris floribunda x japonica</i>	Pieris 'Brouwer's Beauty'
<i>Pieris japonica</i>	Japanese pieris
<i>Pseudotsuga menziesii</i> var. <i>menziesii</i>	Douglas-fir
<i>Quercus agrifolia</i>	Coast live oak
<i>Quercus chrysolepis</i>	Canyon live oak
<i>Quercus kelloggii</i>	California black oak
<i>Quercus parvula</i> v. <i>shrevei</i>	Shreve oak
<i>Rhamnus californica</i>	California coffeeberry
<i>Rhododendron</i> spp	Rhododendron, including Azalea
<i>Sequoia sempervirens</i>	Coast redwood
<i>Trientalis latifolia</i>	Western starflower
<i>Umbellularia californica</i>	California bay laurel, pepperwood, Oregon myrtle
<i>Vaccinium ovatum</i>	Evergreen huckleberry
<i>Viburnum x bodnantense</i>	Bodnant viburnum
<i>Viburnum plicatum</i> var. <i>tomentosum</i>	Doublefile viburnum
<i>Viburnum tinus</i>	Laurustinus

Plant species associated with *P. ramorum*

Scientific Name (31)	Common Name, Date & Source of Report
<i>Abies grandis</i>	Grand fir – June 03 (1)
<i>Aesculus hippocastanum</i>	Horse-chestnut – Dec 03 (3)
<i>Arbutus unedo</i>	Strawberry tree – Dec 02 (7)
<i>Camellia reticulata</i>	Oct 03 (3)
<i>Camellia x williamsii</i>	Oct 03 (3)
<i>Castanea sativa</i>	Sweet Chestnut Feb 04 (3)
<i>Corylus cornuta</i>	California hazelnut – Dec 02 (5)
<i>Fagus sylvatica</i>	European beech – Dec 03 (3)
<i>Kalmia latifolia</i>	Mountain laurel – Fall 02 (3)
<i>Leucothoe fontanesiana</i>	Drooping leucothoe Oct 03 (3)
<i>Pieris formosa</i> var. <i>forrestii</i>	Chinese pieris Oct 03 (3)
<i>Pieris formosa</i> var. <i>forrestii</i> x <i>Pieris japonica</i>	Oct 03 (3)
<i>Pittosporum undulatum</i>	Victorian box – Dec 02 (6)
<i>Quercus sativa</i>	European turkey oak Feb 04 (3)
<i>Quercus falcate</i>	Southern red oak – Nov 03 (3)
<i>Quercus ilex</i>	Holm oak – Dec 03 (3)
<i>Quercus rubra</i>	Northern red oak – Nov 03 (8)
<i>Rhamnus purshiana</i>	Cascara – Dec 02 (4)
<i>Rosa gymnocarpa</i>	Wood rose – Mar 04 (6)
<i>Rubus spectabilis</i>	Salmonberry – Dec 02 (4)
<i>Syringa vulgaris</i>	Lilac – 2003 (3) updated Oct 03
<i>Taxus baccata</i>	European yew (3)
<i>Toxicodendron diversiloba</i>	Poison oak – Dec 02 (4)
<i>Vaccinium vitis-idaea</i>	Lingonberry – Poland, 2002 (reported by 3)
<i>Viburnum davidii</i>	David viburnum Oct 03 (3)
<i>Viburnum farreri</i> (= <i>V. fragrans</i>)	Fragrant viburnum Oct 03 (3)
<i>Viburnum lantana</i>	Wayfaringtree viburnum Oct 03 (3)
<i>Viburnum opulus</i>	European cranberrybush viburnum Oct 03 (3)
<i>Viburnum x burkwoodii</i>	Burkwood viburnum Oct 03 (3)
<i>Viburnum x carlcephalum</i> x <i>V. utile</i>	Oct 03 (3)
<i>Viburnum x pragense</i>	Prague viburnum Oct 03 (3)

¹ California Department of Food and Agriculture

² Oregon Department of Agriculture

³ Department for Environment, Food, and Rural Affairs, UK

⁴ Everett Hanson, Oregon State University

⁵ David Rizzo, University of California – Davis

⁶ Mateo Garbelotto, University of California - Berkeley

⁷ Eduardo Moralejo, Instituto Mediterráneo de Estudios Avanzados, IMEDEA (CSIC-UIB) - Balearic Islands, Spain

⁸ Plant Protection Service, Wageningen, Netherlands

Rationale for lists:

Plant species regulated for *Phytophthora ramorum*:

Regulated plants are those adapted from other regulated lists or were added upon completion, documentation and review of traditional Koch's postulates. Some are regulated in part (such as redwood and Douglas fir), others are regulated in their entirety (such as tanoak and western star flower). Details on regulated articles can be found via links to "*Phytophthora ramorum* 7 CFR 301.92" and "Recent Modifications to *Phytophthora ramorum* Regulations" at:

www.aphis.usda.gov/ppq/ispm/sod

Plant species associated with *P. ramorum*, not currently regulated:

Associated plants are those found naturally infected from which *P. ramorum* has been cultured and/or detected using PCR (Polymerase Chain Reaction). For each of these, traditional Koch's postulates have not yet been completed or documented and reviewed. Though not regulated and not requiring certification under *P. ramorum* regulations, these plants will be inspected in nurseries and Christmas tree plantations and, if symptoms observed, held from sale pending testing.

This list is constantly being updated. The most current version is posted at:

www.aphis.usda.gov/ppq/ispm/sod